

2016

FiND: Framework for IntelligeNt research Discovery

Clint Cuffy

Virginia Commonwealth University

Tej Mehta

Virginia Commonwealth University

Hengbin Li

Virginia Commonwealth University

Follow this and additional works at: <http://scholarscompass.vcu.edu/capstone>

 Part of the [Computer Engineering Commons](#)

© The Author(s)

Downloaded from

<http://scholarscompass.vcu.edu/capstone/109>

This Poster is brought to you for free and open access by the School of Engineering at VCU Scholars Compass. It has been accepted for inclusion in Capstone Design Expo Posters by an authorized administrator of VCU Scholars Compass. For more information, please contact libcompass@vcu.edu.

Team Members: Clint Cuffy
Hengbin Li
Tej Mehta
Faculty Advisor: Dr. Robert Dahlberg
Sponsor: VCU Computer Science
Sponsor Advisor: Dr. Bridget McInnes
Dr. Nastassja Lewinski
Dr. Alberto Cano Rojas

COMPUTER SCIENCE



FiND

Framework for IntelligeNt research Discovery

CAPSTONE DESIGN
EXPO 2016

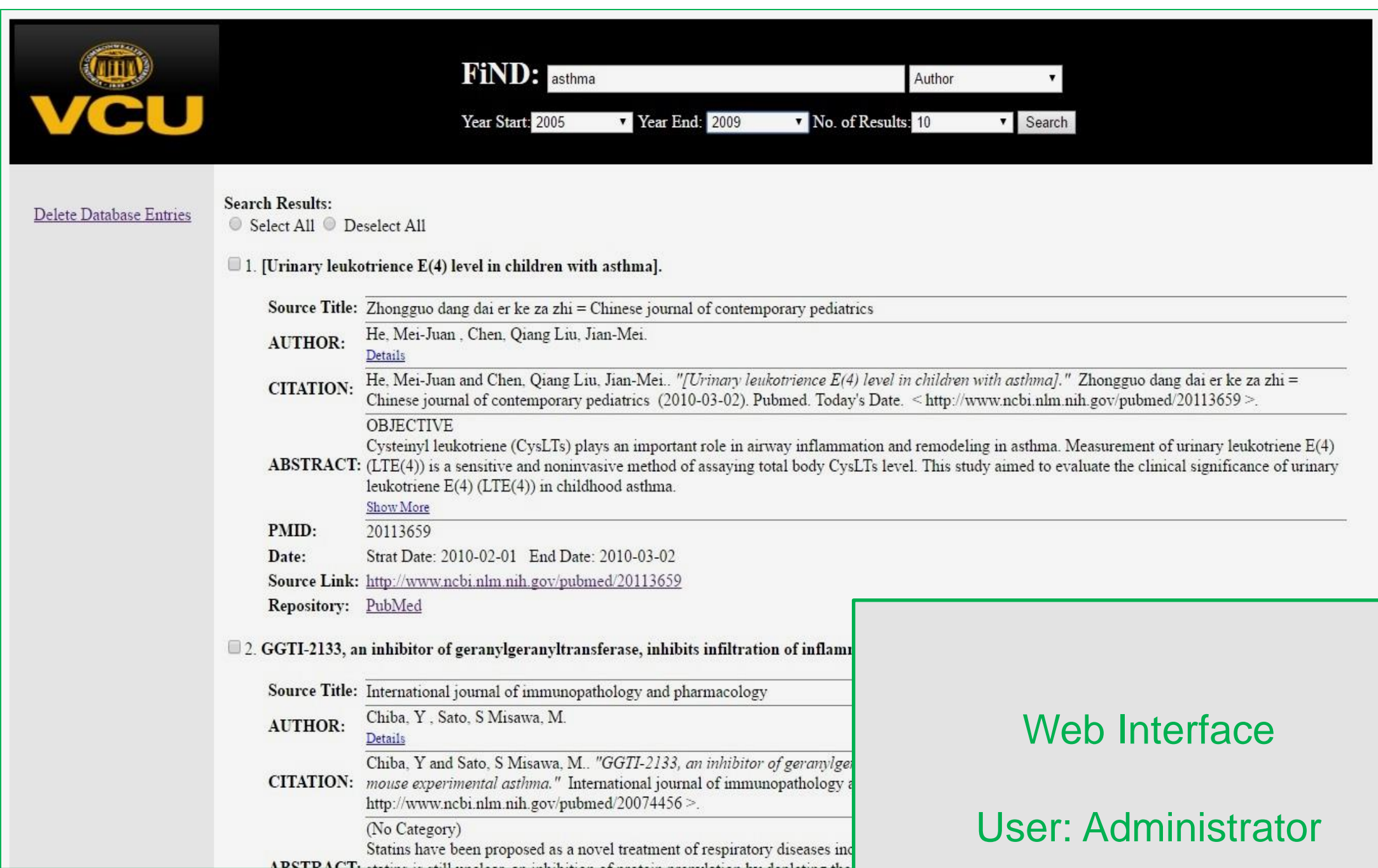
What is FiND?

- *FiND* addresses the problem that researchers publish their experimental results faster than ever before, and the number of articles to read now presents an overwhelming task.
- *FiND* is the backbone infrastructure developed to support the collection, extraction, synthesis and analysis of pubmed journal articles.

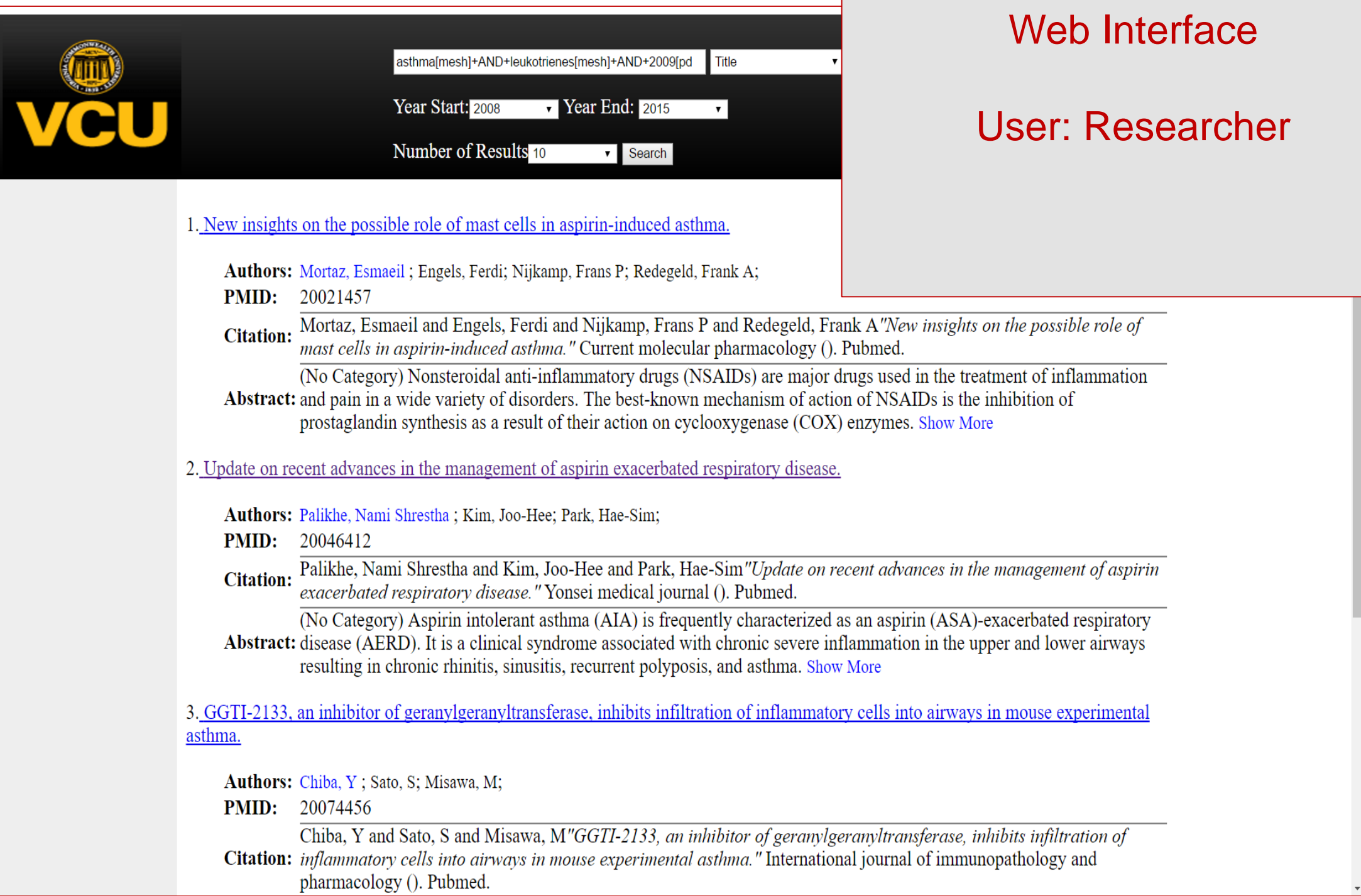
Advantages of FiND:

- Allows for the semi-automatic cataloguing and tracking of recently developed nano-medicines.
- Allows for the aggregation of studies on the biological exposures and hazards of nano-medicines.
- Allows for nano-medicines to be linked to their physico-chemical properties.
- Allows for the automatic identification of nano-medicine entities which will enable the discovery of new relationships among the entities.

Visual Representation



Web Interface
User: Administrator



Web Interface
User: Researcher

